The **REMARKS** begin on page 10 of this paper.

AMENDMENTS TO THE SPECIFICATION:

Please amend page 28, first full paragraph, to read as follows:

In the present adaptive scheme, the number of tokens, N, is [set to] a variable [M]. Each time that a first transmission is performed, the client informs a server what the new value of [M] N is and includes [M] N number of tokens to be used later to authenticate the client. In addition, the server may instruct the client to restart the transmission process with a new "first" secure transmission based on the process or server requirements on its end.

Please amend page 28, second full paragraph, to read as follows:

In determining and setting the value [M] N, the clients and/or server can take into account any combination of the following criteria:

Please amend page 28, third full paragraph, to read as follows:

1.   The frequency of transmission from the client to server as compared to an average frequency. [The] If the frequency is higher than the average frequency, [than] then

the value [M] N̲ is set higher. Alternatively, if the frequency is less than the average fre-

quency, [than] then̲ the value [M] N̲ could be set lower.

Please amend page 28, fourth full paragraph, to read as follows:

2.   The "closeness" of the client to the part of the web site concerning a large

number of transactions. For example, once a client has logged into the system, and travels

closer to the video storage page by accessing introductory pages, the value [M] N̲ could be

decreased by the server in [its] anticipation of receiving a̲ large number of transactions, such

as a continually updated digital video feed.

Please amend from after the fourth full paragraph on page 28 to before the first full

paragraph on page 29 to read as follows:

3.   Client usage patterns. For example, if a particular client has logged [in] on̲ at

noon consistently during the past week, then̲ it is likely that this [particular] client will be

loging on again today at noon and transmitting data. In such an instance, the variable [M] N̲

could be proactively increased at noon in anticipation that it will again log on and transmit

data. Similarly, if a̲ client located on the east coast of the United States does not log onto

[the] server 14 during normal sleeping hours, i.e., between 12:00 a.m. and 7:00 a.m., then̲ the

variable [M] N̲ could be reduced since it is unlikely that data will be sent by them during this

time.